

# LIST OF CONTENTS

Volume 3, 1989

Volume 3, Number 1

1989

## CONTENTS

### *Editorial*

- A.R. Scialli** 1 Proposition 65

### *Special Article*

- D.R. Mattison** 3 Criteria for Identifying and Listing Substances Known to Cause  
**J.W. Hanson** Developmental Toxicity under California's Proposition 65  
**D.M. Kochhar**  
**K.S. Rao**

### *Original Contributions*

- C. Racowsky** 13 Direct Effects of Nicotine on the Meiotic Maturation of  
**R.C. Hendricks** Hamster Oocytes  
**K.V. Baldwin**
- R. Vogel** 23 Cytogenetic Studies on Preimplantation Mouse Embryos  
**I. Granata** Exposed to Methylnitrosourea in Vivo  
**H. Spielmann**
- H. Spielmann** 27 Abnormal Development of Mouse Embryos Exposed to  
**R. Vogel** Methylnitrosourea before Implantation  
**I. Granata**  
**B. Tenschert**
- L. Uphouse** 33 Sexual Behavior of Intact Female Rats after Treatment with  
**J. Williams** *o,p'*-DDT or *p,p'*-DDT
- D.P. Hanlon** 51 Cadmium Disposition following Repeated Exposure in the  
**V.H. Ferm** Pregnant Hamster  
**G.S. McLain**
- J.A. Ward** 43 Strain-Dependency of Procarbazine-Induced Testicular Toxicity  
**J. Robinson**  
**I.D. Morris**
- Y.F. Li** 59 Evidence for Embryotoxicity of Gossypol in Mice and Chicks  
**G.M. Booth** with No Evidence of Mutagenic Activity in the Ames Test  
**R.E. Seegmiller**
- 63 REPROTOX Agent List

## CONTENTS

*Editorial*

- R.W. Morris** 79 Mathematical Models of Biological Systems

*Reproductive Toxicology Review*

- R.S. Kaldas** 81 Reproductive and General Metabolic Effects of Phytoestrogens in  
**C.L. Hughes, Jr.** Mammals

*Original Contributions*

- R.A. Anderson, Jr.** 91 Testosterone Production by the Prepubertal Mouse Testis Is Not  
**J.F. Phillips** Depressed by Ethanol  
**S.H. Berryman**  
**L.J.D. Zaneveld**
- Robert A. Anderson, Jr.** 101 Ethanol-Induced Delayed Male Puberty in Mice Is Not Due to  
**J.F. Phillips** Impaired Leydig Cell Function  
**S.H. Berryman**  
**L.J.D. Zaneveld**
- D.R. Mattison** 115 Ovarian Toxicity of Benzo(a)pyrene and Metabolites in Mice  
**H. Singh**  
**K. Takizawa**  
**P.J. Thomford**
- R.H. Finnell** 127 The Fetal Hydantoin Syndrome: Answers from a Mouse Model  
**L.C. Abbott**  
**S.M. Taylor**
- M.M.A. Elmazar** 135 Maternal Factors Influencing Development of Embryos from  
**R. Vogel** Mice Superovulated with Gonadotropins  
**H. Spielmann**
- T. Nishikawa** 139 The Teratogenic Effect of Forskolin on Cardiovascular  
**A. Sato** Development in the Chick Embryo  
**T. Kanai**  
**T. Kasajima**  
**Y. Nakajima**  
**M. Ando**  
**A. Takao**
- Petr Kúrka** 143 An Explanation of the Stability of the Incidence of Inborn Defects  
**R. Jelínek**

*Book Review*

- A.R. Scialli** 149 *Epidemiology of Human Reproduction* by B. Källén

## CONTENTS

*Editorial*

- A.R. Scialli 157 Bendectin, Science, and the Law

*Reproductive Toxicology Review*

- A.R. Scialli 159 Who Should Paint the Nursery?

*Original Contributions*

- F. DeStefano 165 Semen Characteristics of Vietnam Veterans  
J.L. Annest  
M. Kresnow  
S.M. Schrader  
D.F. Katz
- R.Z. Sokol 175 Reversibility of the Toxic Effect of Lead on the Male Reproductive Axis
- A.Z. Al-Juburi 181 Vasocystostomy: A Model for Studying Male Reproductive Toxicity in the Rat  
T.W. Clarkson  
A.T.K. Cockett
- W. Slikker, Jr. 187 Pharmacokinetics of Doxylamine, a Component of Bendectin®, in the Rhesus Monkey  
C.L. Holder  
G.W. Lipe  
J.R. Bailey  
J.F. Young
- J.M. Rowland 197 Pharmacokinetics of Doxylamine Given as Bendectin® in the Pregnant Monkey and Baboon  
W. Slikker, Jr.  
C.L. Holder  
R. Denton  
S. Prahalada  
J.F. Young  
A.G. Hendrickx
- W.J. Swartz 203 Chlordecone-Induced Follicular Toxicity in Mouse Ovaries  
G.M. Mall
- Y. Ohta 207 Deciduoma Formation in Rats Treated Neonatally with the Anti-estrogens, Tamoxifen and MER-25  
T. Iguchi  
N. Takasugi

*Book Review*

- |          |     |   |
|----------|-----|---|
| A. Lione | 213 | <i>Principles and Methods of Toxicology</i> (2nd edition) by A. Wallace Hayes |
|          | 215 | The Reprotox Agent List   |
|          | 217 | Announcements   |

Volume 3, Number 4

1989

CONTENTS

*Editorial*

- |              |     |                      |
|--------------|-----|----------------------|
| A.R. Scialli | 219 | Sexism in Toxicology |
|--------------|-----|----------------------|

*Reproductive Toxicology Review*

- |           |     |   |
|-----------|-----|---|
| C. Winder | 221 | Reproductive and Chromosomal Effects of Occupational Exposure to Lead in the Male |
|-----------|-----|---|

*Original Contributions*

- |  |     |   |
|--|-----|---|
| R.G. Osborn<br>P.P. Biemer<br>G.B. Fuller<br>W.C. Hobson | 235 | Gonadotropin Responsiveness to Estrogens and Low-Level Progesterone in the Ovariectomized Rhesus Monkey |
|--|-----|---|

- |   |     |   |
|---|-----|---|
| K. Paksy<br>B. Varga<br>E. Horváth<br>E. Tátrai<br>G. Ungváry | 241 | Acute Effects of Cadmium on Preovulatory Serum FSH, LH, and Prolactin Levels and on Ovulation and Ovarian Hormone Secretion in Estrous Rats |
|---|-----|---|

- |  |     |  |
|--|-----|--|
| R. Mathur<br>S. Mathur<br>A.O. Prakash | 249 | LIV-52 Protection against Beryllium Toxicity in Female Albino Rats |
|--|-----|--|

- |                            |     |   |
|----------------------------|-----|---|
| N.J. Chinoy<br>E. Sequeira | 261 | Effects of Fluoride on the Histoarchitecture of Reproductive Organs of the Male Mouse |
|----------------------------|-----|---|

- |  |     |  |
|--|-----|--|
| L. Rawcliffe<br>D. Creasy<br>J.A. Timbrell | 269 | Urinary Creatine as a Possible Marker for Testicular Damage: Studies with the Testicular Toxic Compound 2-Methoxyethanol |
|--|-----|--|

- |  |     |  |
|--|-----|--|
| B. Trivedi<br>D.K. Saxena<br>R.C. Murthy<br>S.V. Chandra | 275 | Embryotoxicity and Fetotoxicity of Orally Administered Hexavalent Chromium in Mice |
|--|-----|--|

*Book Reviews*

- |              |     |  |
|--------------|-----|--|
| A.R. Scialli | 279 | <i>Catalog of Prenatally Diagnosed Conditions</i> by D.D. Weaver and <i>Catalog of Teratogenic Agents</i> by T. H. Shepard |
|--------------|-----|--|

281	<i>Letter to the Editor</i>
283	Special Thanks
285	Announcement
287	The Reprotox Agent List
III	Volume 3 List of Contents/Author Index